EXAMPLE 8

[0044] In Example 3, 0.6 parts of succinic anhydride was used in place of the adipic acid.

[0045] Results of determination in the foregoing Examples 1 to 8 are shown in the following Table 1.

TABLE 1

	Example No.							
Item	1	2	3	4	5	6	7	8
[Vulcanization Characteristics]								
tc10 (min.)	0.4	0.42	0.4	0.4	0.4	0.6	0.6	0.7
tc90 (min.)	3.9	2	3.7	3.9	3.8	4.2	4.3	4.4
MH (Kg · cm)	8.2	9.8	9	9	9.1	8.9	8.8	8.2
[Mooney viscosity]								
Mooney viscosity ML_{MIN}	46	53	50	51	51	50	47	47
[Scorch time]								
t_5 (min.)	5.8	5	6.6	6.3	6.2	7.2	8.9	7.1
[Press vulcanization product]								
Hardness (JIS A)	63	59	66	67	68	65	65	65
100% Modulus (MPa)	5.4	4	7	7.1	7.4	6.8	6.5	6.8
Strength at break (MPa)	14.5	10.6	12.7	12.9	12.6	12.5	12.4	12.5
Elongation at break (%)	450	240	180	170	170	180	190	180
Compression set (%)	26	20	24	20	21	32	28	25
[Heat aging resistance property of Press vulcanization product]								
Hardness change (pts)	+6	+3	+4	+3	+3	+5	+5	+4
100% modulus change (%)	+12	−1	+0	−1	−1	+8	+7	−1
Strength at break change (%)	−10	+0	−5	−4	−6	−3	+0	−5
Elongation at break change (%)	+6	−6	−10	−6	−5	−12	−11	−6
[Oven vulcanization (postcured) product]								
Hardness (JIS A)	65	60	67	68	68	66	66	66
100% modulus (MPa)	5.9	4.3	7.3	7.4	7.5	7	7	7.1
Strength at break (MPa)	15.1	10.9	12.7	12.8	12.8	12.6	12.5	12.5
Elongation at break (%)	420	230	170	170	170	170	180	170
Compression set (%)	15	10	13	9	10	18	17	15
[Heat aging resistance property of oven vulcanization (postcured) product]								
Hardness change (pts)	+5	+1	+1	+1	+1	+3	+2	+1
100% modulus change (%)	+6	−4	−1	−4	−5	+0	−2	−3
Strength at break change (%)	−10	+0	+1	+0	−5	−5	−3	−1
Elongation at break change (%)	+6	−2	−6	+0	−2	−1	+0	−1

COMPARATIVE EXAMPLE 1

[0046] The following components were mixed, vulcanized and subjected to determination in the same manner as in Example 1:

Acrylic elastomer C	100 parts
Stearic acid	1 part
4,4'-bis(a,a-dimethylbenzyl)diphenylamine	2 parts
FEF carbon black	60 parts
Azelaic acid	1 part
Calcium oxide	1 part
Octadecyltrimethylammonium bromide	1 part

COMPARATIVE EXAMPLE 2

[0047] In Comparative Example 1, the same amount of calcium hydroxide was used in place of the calcium oxide.

COMPARATIVE EXAMPLE 3

[0048] In Comparative Example 1, the same amount of magnesium oxide was used in place of the calcium oxide.

COMPARATIVE EXMPLE 4

[0049] In Comparative Example 1, the same amount of magnesium hydroxide was used in place of the calcium oxide.

COMPARATIVE EXAMPLE 5

[0050] In Comparative Example 1, 4 parts of sodium stearate was used in place of one part of calcium oxide.

COMPARATIVE EXAMPLE 6

[0051] In Comparative Example 1, the same amount of disodium azelate was used in place of the azelaic acid and no calcium oxide was used.

[0052] Results of determination in the foregoing Comparative Examples 1 to 6 are shown in the following Table 2.

TABLE 2

	Comp. Ex. No.					
Item	1	2	3	4	5	6
[Vulcanization Characteristics]						
tc10 (min.)	0.65	0.89	0.68	0.91	0.61	0.5
tc90 (min.)	8	7.91	8.26	8.1	2.75	3.38
MH (Kg · cm)	7.2	10.4	6.5	8.7	3.3	6.4
[Mooney viscosity]						
Mooney viscosity ML_{MIN}	48	46	48	45	35	30
[Scorch time]						
t_5 (min.)	5.4	5.2	4.7	4.4	5.2	5.6
[Press vulcanization product]						
Hardness (JIS A)	70	73	68	71	48	63
100% Modulus (MPa)	6.3	6.8	4.7	5.1	1.1	3.5
Strength at break (MPa)	11.6	11.7	11.8	11.9	4.2	10.9
Elongation at break (%)	210	160	240	180	460	230
Compression set (%)	80	73	85	79	72	44